

Hacktech 2025

Judging Packet



April 27, 2025

Website: hack.caltech.edu
Email: hacktech@caltech.edu
Instagram: @hacktechbycaltech
Discord Join Form: [Link](#)

Message from the Directors

Hello Everyone!

Welcome to Hacktech 2025, thank you so much for taking your time to evaluate hackers' projects today, this would not be possible without your support! We hope you're as excited as we are to see the amazing projects the students have in store for you today. As Hacktech is a fully in-person event this year, **all interviews will also be done in-person.**

If you have any questions at any point, feel free to contact our email hacktech@caltech.edu, or reach out to me directly via jlin2@caltech.edu or (626)-463-3885.

Best regards,
Jason Lin
Co-Director, Hacktech

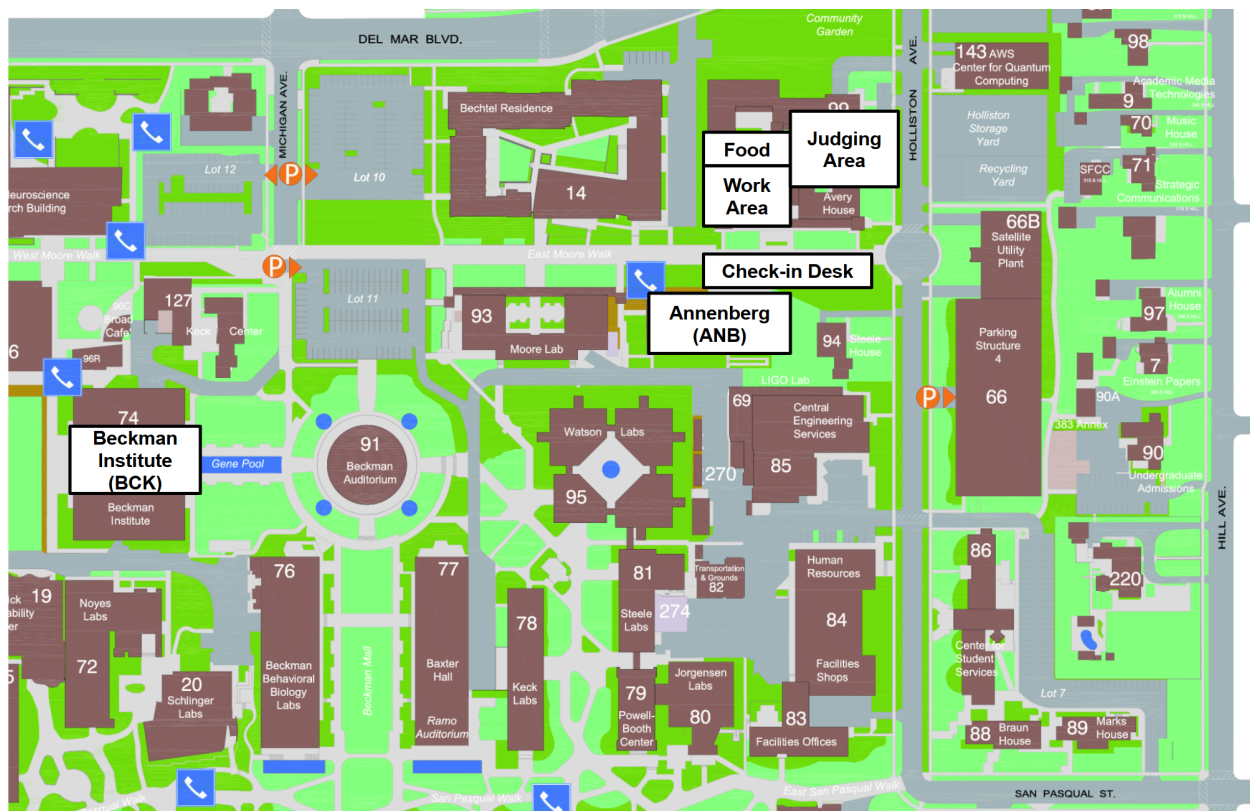
Arrival Information

Upon arrival, you can sign into the wifi “Caltech Visitor” with the following information:

Username: Hacktech

Password: HackTechV!sitor

Parking will be in Parking Structure 4. Parking is FREE on weekends. Judges will meet in the Avery Library, marked Judging Area on the map below, and awards ceremony will be held in Beckman Auditorium. See the map below for more details.



Tracks

Each Hacktech participant can choose one of the following 5 tracks to do a project in:

- 1) Consumer Healthcare
- 2) Finance/Data Analytics
- 3) Sustainability
- 4) Dryft Challenge (judged by Dryft)
- 5) Orkes Conductor Challenge (judged by Orkes)

Prizes

Each track will have their own winner. In addition, we will have prizes chosen from across all the tracks for best use of AI, best UI/UX, and most creative tech stack. Each project can win a maximum of 2 prizes.

To summarize, each project can win one of the following awards once:

- 1) Best Healthcare Project (Chosen only from the Healthcare track)
- 2) Best Finance/Data Analytics Project (Chosen only from the Finance/Data Analytics track)
- 3) Best Sustainability Project (Chosen only from the Sustainability track)
- 4) Dryft Challenge Winner (Chosen from across all projects that participate in the Dryft Challenge)
- 5) Orkes Conductor Challenge Winner (Chosen from across all projects that participate in the Orkes Conductor Challenge)

Each project can then win one of the following awards once.

- 6) Best Use of AI (Chosen from across all tracks and projects)
- 7) Best UI/UX (Chosen from across all tracks and projects)
- 8) Most Creative Tech Stack (Chosen from across all tracks and projects)
- 9) Wolfram Alpha Prize (Chosen from all projects that use the Wolfram Language)

Judging Criteria

All projects will be evaluated based on the following criteria:

- 1) UI/UX (10 Points)
 - a) Overall usability and visual appeal of the project. Does it have an intuitive interface that creates an approachable user experience?
- 2) Impact (10 Points)
 - a) Does the project solve a real problem or satisfy an unmet demand?
- 3) Functionality (10 Points)
 - a) How usable is the project in its current state of development?
- 4) Scalability (10 Points)
 - a) How feasible is it to scale this project to meet growing demand for it?
- 5) Tech Stack Creativity
 - a) Does the project demonstrate technical versatility by effectively integrating different technologies, frameworks, or APIs in a novel way?
- 6) Presentation and Documentation (5 points)
 - a) Do the participants demonstrate all notable features of their project and provide good instructions regarding how their project should be operated?
- 7) IF APPLICABLE: AI/ML Implementation (10 Points)
 - a) How well does the project integrate and use machine learning techniques?
- 8) IF APPLICABLE: Wolfram Alpha Language Implementation (10 Points)
 - a) How well does the project integrate and use the Wolfram Alpha language?

The average number of points is the score attributed to each project.

Please direct any questions to the relevant #judging-questions channel in Discord.

Judging Process

First Round (10:00 am - 11:00 am) ~1hr

Each group of judges will interview projects for around ~5 minutes. Each project can be chosen for two prize categories.

- **Healthcare, Finance/Data Analytics, Sustainability:** Top 6 teams from each judging group with the highest average scores advance to the next round for their track.
- **Orkes Challenge, Dryft Challenge, Wolfram Alpha Prize:** Top 3 teams from each judging group with the highest score for advance to the next round
- **Best AI Implementation, Best UI/UX , Most Creative Tech Stack:** Top 3 teams from each judging group with the highest score for advance to the next round

Second Round (11:15 am - 12:15 pm) ~1 hr

A new group of judges will talk to each team and evaluate the projects again. Each judging pair should have ~10 minutes with each project. Each project can be chosen for two categories.

- **Healthcare, Finance/Data Analytics, Sustainability:** Top 3 teams from each judging pair with the highest average scores (including the average from the previous round) advance to the next round.
- **Orkes Challenge, Dryft Challenge, Wolfram Alpha Prize:** Highest score from this round of judging wins the challenge.
- **Best AI Implementation, Best UI/UX , Most Creative Tech Stack:** Top 2 team from each judging pair with the highest score advance to the next round

Third Round (12:30 pm - 2:00 pm) ~ 1.5 hr

- **Healthcare, Finance/Data Analytics, Sustainability:** All judges convene from a track convene to interview the top 3 teams from their track and pick a winner. Each interview should be around ~15 minutes so judges have time to discuss amongst themselves.

- **Best AI Implementation, Best UI/UX , Most Creative Tech Stack:** All judges from all tracks convene to select a winner

Schedule (4/27)

Time	Activity
9:30 am - 10:00 am	Judging reception at AVERY LIBRARY
10:00 am - 11:00 am	Round One (Bechtel and Moore Walk)
11:15 am - 12:15 pm	Round Two (Annenberg Rooms)
12:30 pm - 2:00 pm	Round Three (Annenberg Rooms)
3:00 pm - 4:00 pm	Closing/Awards Ceremony